

Report of Analysis

Client:	PSEG	Date Collected:	10/29/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	10/29/25
Client Sample ID:	TR-04-102924-E2	SDG No.:	Q3485
Lab Sample ID:	Q3485-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/30/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	32.0		1	1.27	2.14	mg/kg	FE056584.D	10/30/25 15:23	PB170326
Aliphatic C9-C28	Aliphatic C9-C28	33.7		1	0.98	4.29	mg/kg	FE056584.D	10/30/25 15:23	PB170326
Total AliphaticEPH	Total AliphaticEPH	65.7			2.25	6.42	mg/kg			
Total EPH	Total EPH	65.7			2.25	6.42	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	PSEG	Date Collected:	10/29/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	10/29/25
Client Sample ID:	TR-04-102924-E2	SDG No.:	Q3485
Lab Sample ID:	Q3485-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	10/30/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	33.7	1		0.98	4.29	mg/kg	10/30/25	PB170326
Aliphatic C28-C40	Aliphatic C28-C40	32.0	1		1.27	2.14	mg/kg	10/30/25	PB170326
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.0			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.2			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3485-02	Acq On:	30 Oct 2025 15:23
Client Sample ID:	TR-04-102924-E2	Operator:	YP\AJ
Data file:	FE056584.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.232	6.857	8420035	49.193	300	ug/ml
Aliphatic C12-C16	6.858	10.306	42624554	238.453	200	ug/ml
Aliphatic C16-C21	10.307	13.683	27736385	148.716	300	ug/ml
Aliphatic C21-C28	13.684	17.354	6981440	36.217	400	ug/ml
Aliphatic C28-C40	17.355	22.310	71357885	447.905	600	ug/ml
Aliphatic EPH	3.232	22.310	157120299	920.485		ug/ml
ortho-Terphenyl (SURR)	11.981	11.981	5265367	25.2		ug/ml
1-chlorooctadecane (SURR)	13.419	13.419	4353888	27.02		ug/ml
Aliphatic C9-C28	3.232	17.354	85762414	472.579	1200	ug/ml